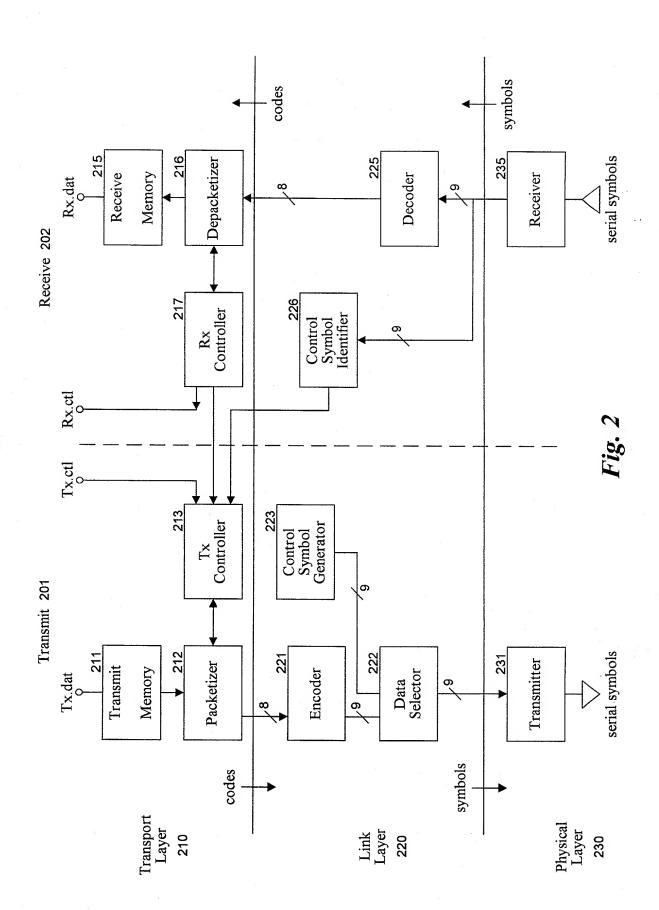


Fig. 1



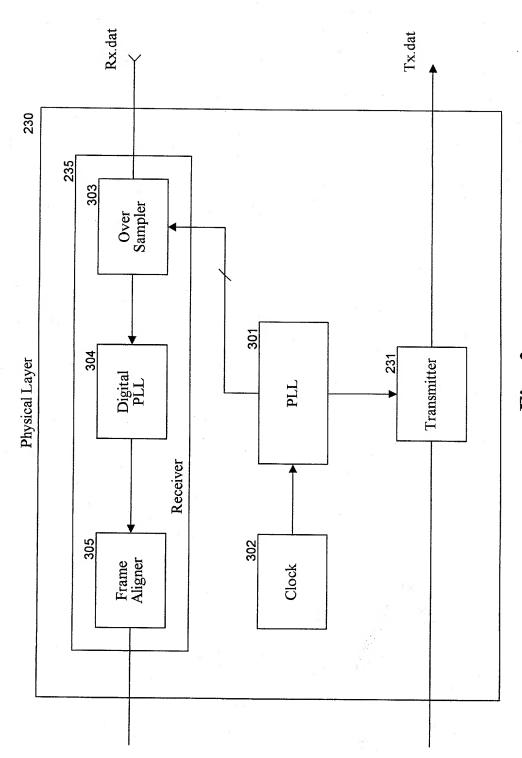


Fig. 3

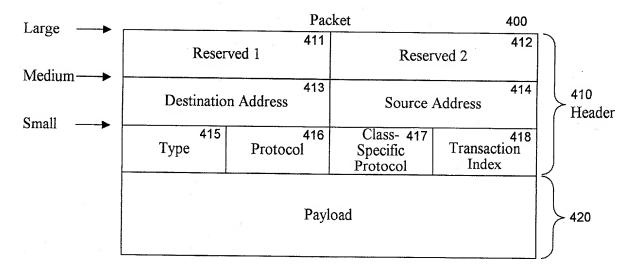


Fig. 4

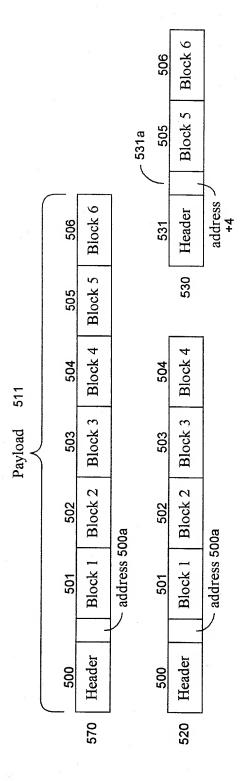


Fig. 5

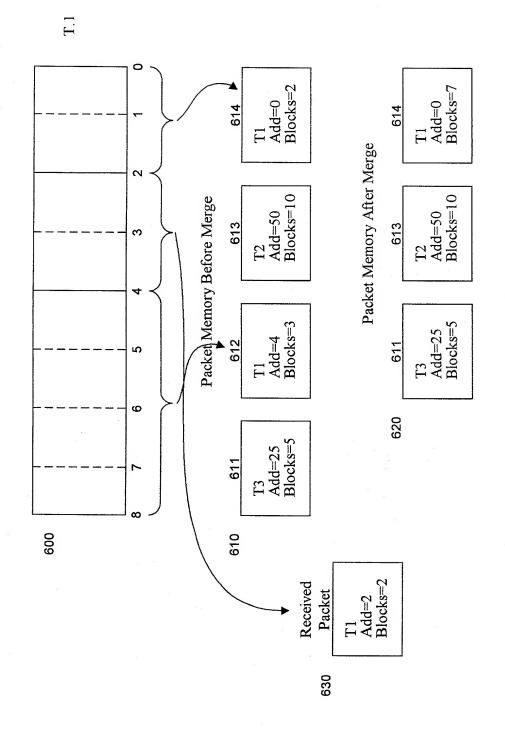


Fig. 6

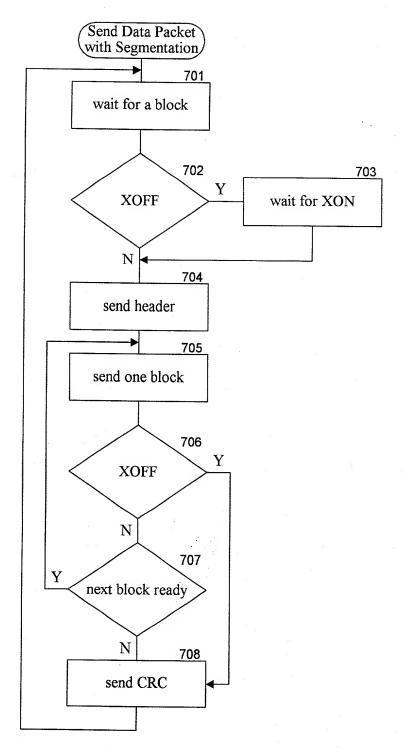


Fig. 7

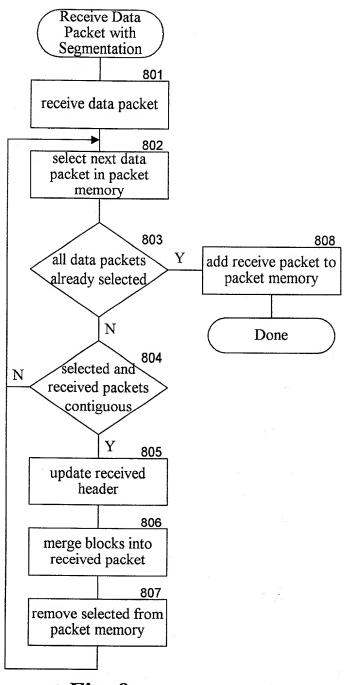


Fig. 8



sync & packet type

Fig. 94

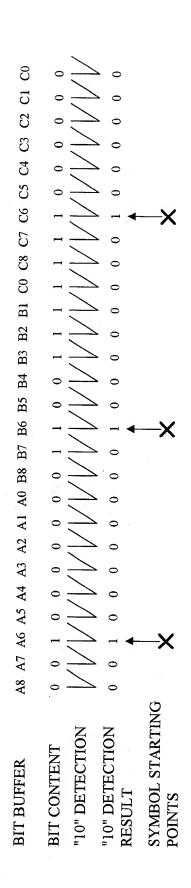


Fig. 9B

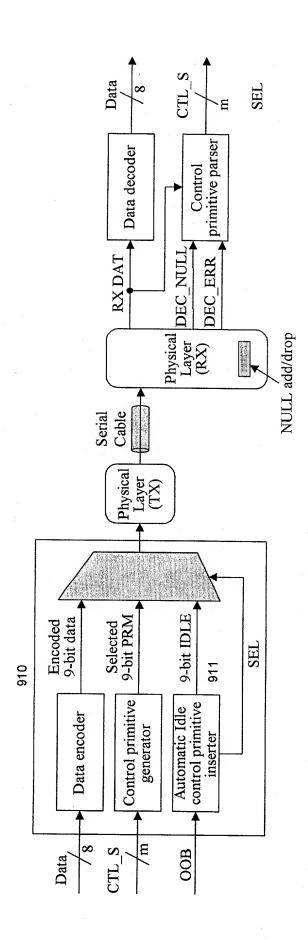


Fig. 9C

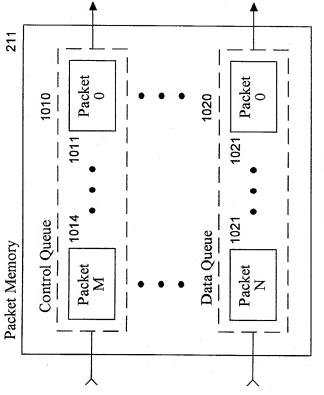


Fig. 10

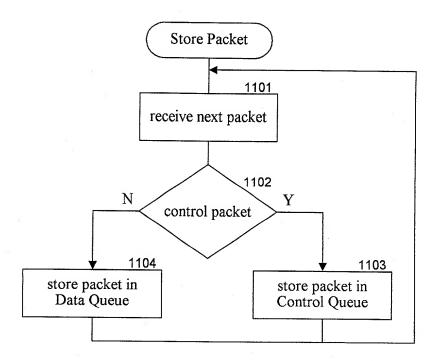


Fig. 11

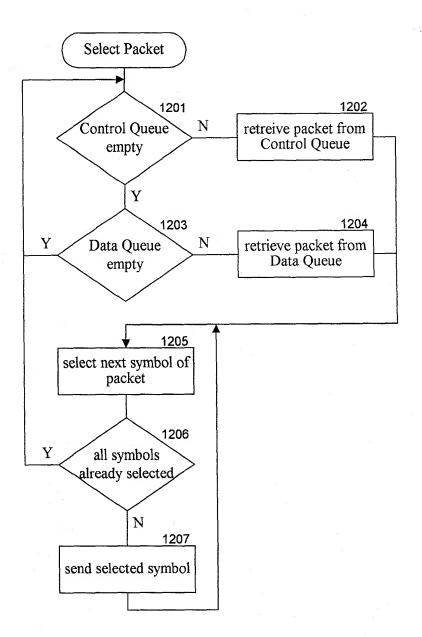


Fig. 12

| | | IDLE |
|------|---------|--------------------|
| 1305 | data | harbet (contid) |
| 1304 | N | continue / |
| 1303 | control | nacket |
| 1302 | .a | packet / Freempt / |
| 130 | | \ |
| | 1300 | TOTE |

Fig. 13

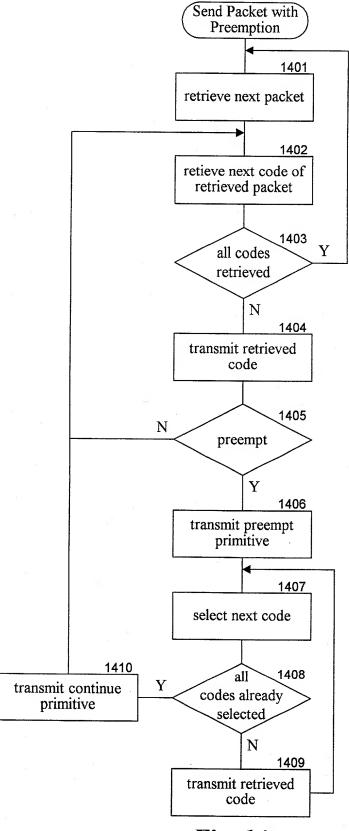


Fig. 14

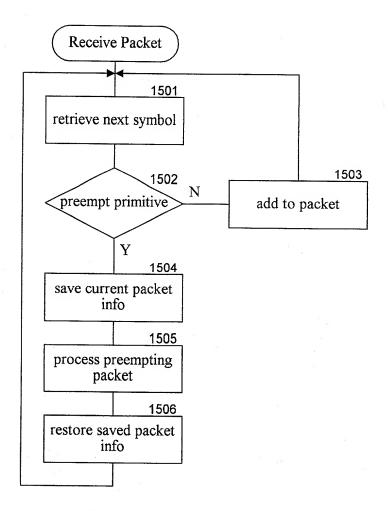


Fig. 15

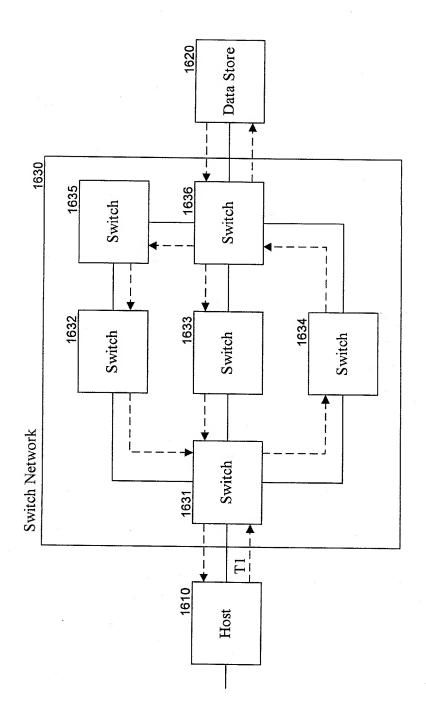


Fig. 16

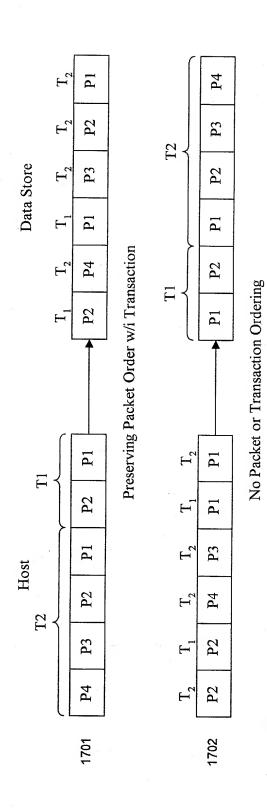


Fig. 17

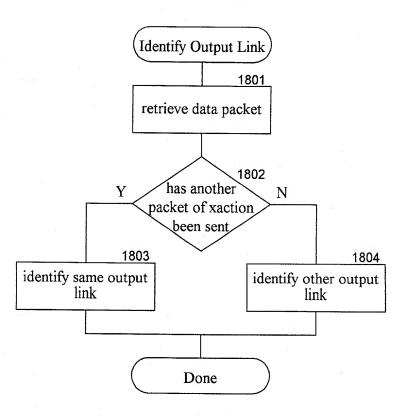


Fig. 18

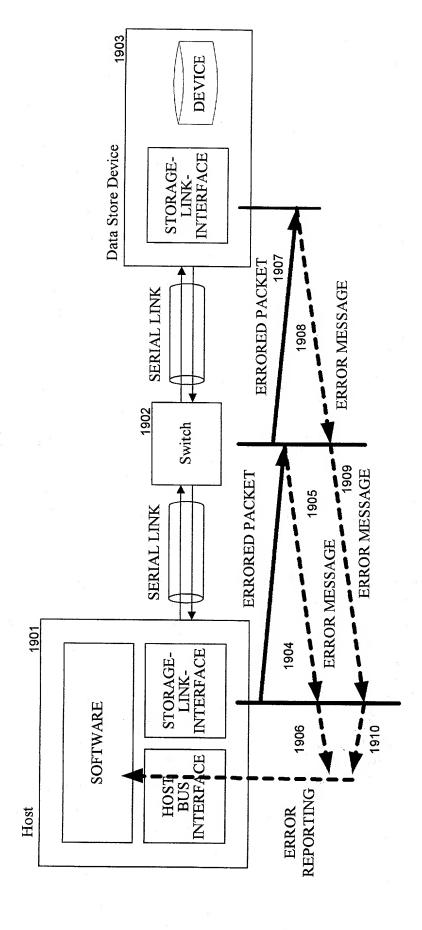
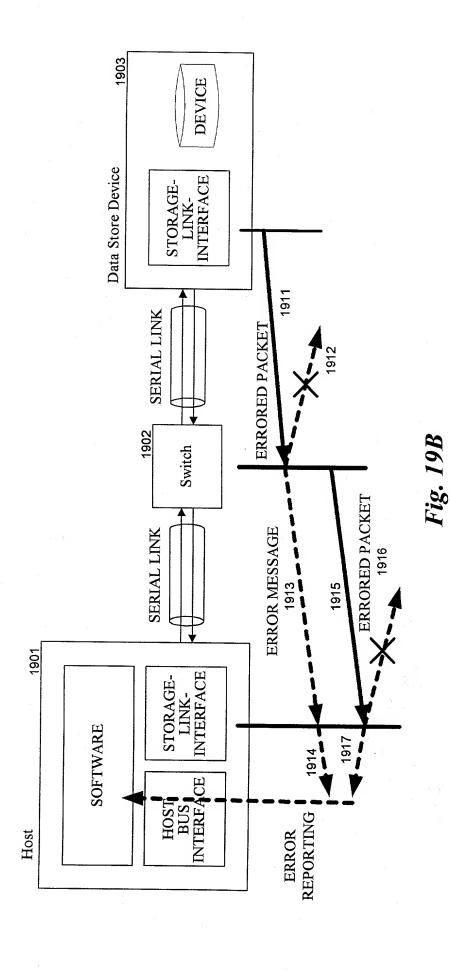


Fig. 194



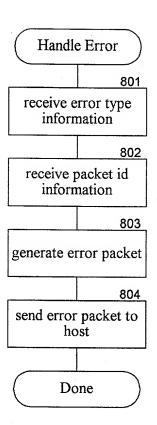


Fig. 19C

| 8b code | | 9 bit symbol | |
|---------|------|--------------|--|
| 0000 | 0000 | 101010101 | |
| 0000 | 0001 | 101010100 | |
| 0000 | 0010 | 101010111 | |
| | | · // | |
| 0101 | 0101 | 001010101 | |
| | | | |
| 0 1 1 1 | 0110 | 001110110 | |
| 0111 | 0111 | 100100010 | |
| | • | | |
| 1 1 1 1 | 1111 | 110101010 | |
| 1111 | 1111 | 110101010 | |

Fig. 20

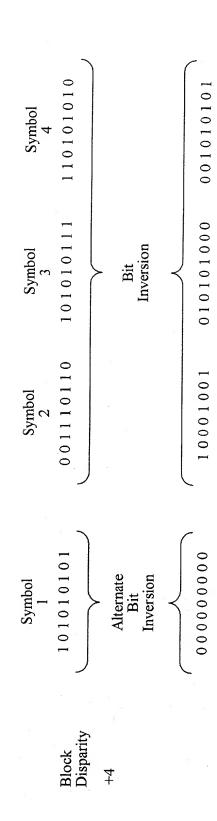
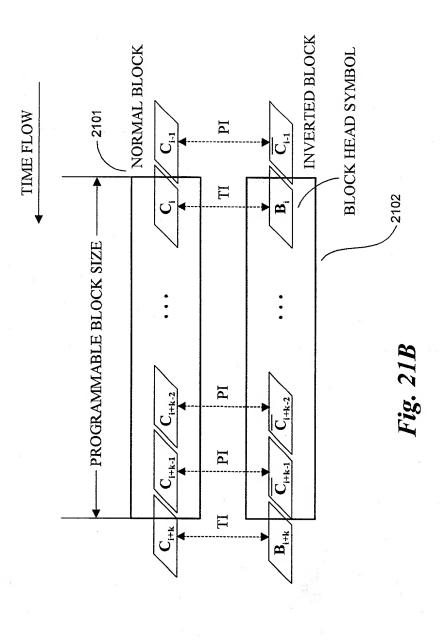


Fig. 21A



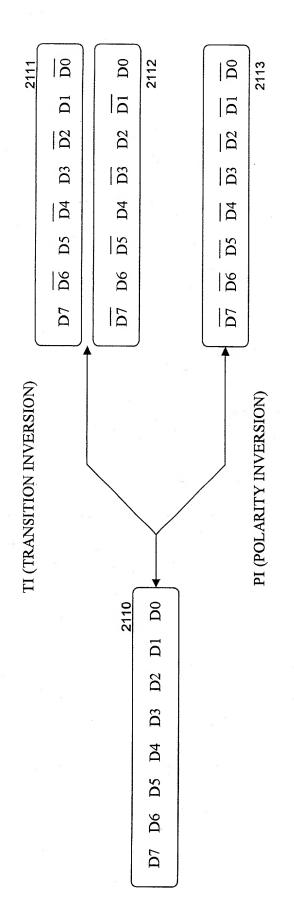


Fig. 21C

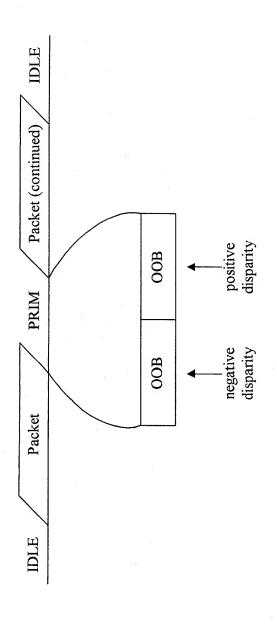


Fig. 22

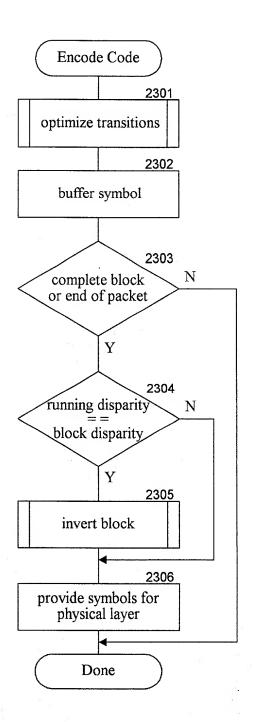


Fig. 23

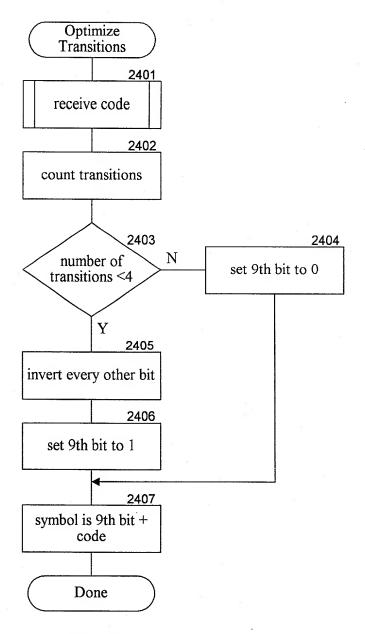


Fig. 24

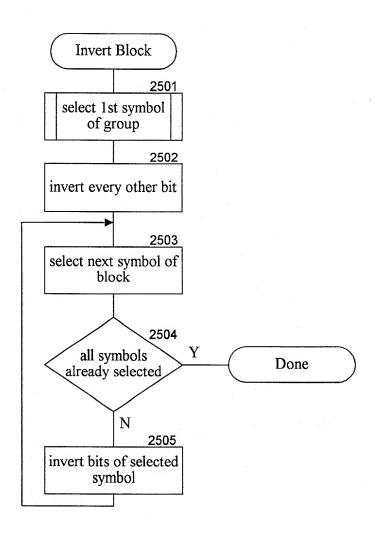
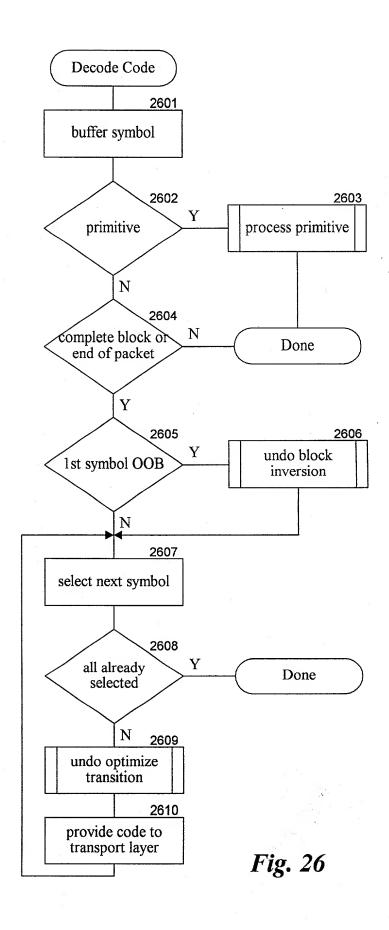


Fig. 25



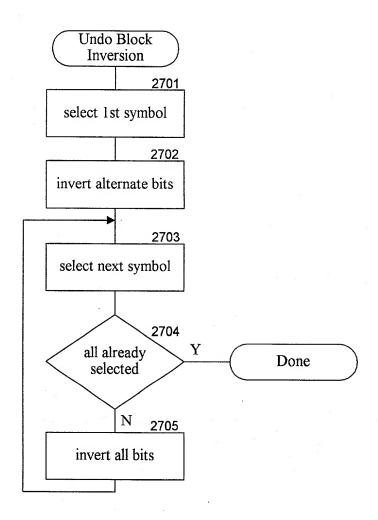


Fig. 27

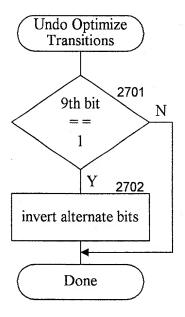


Fig. 28

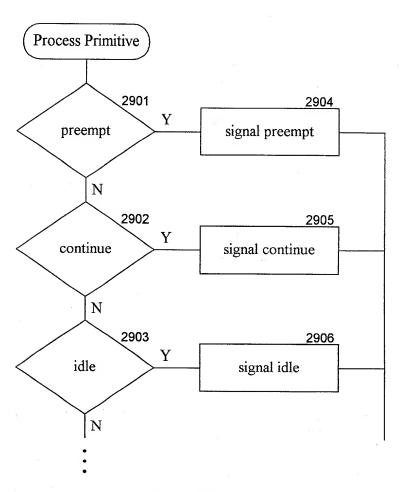
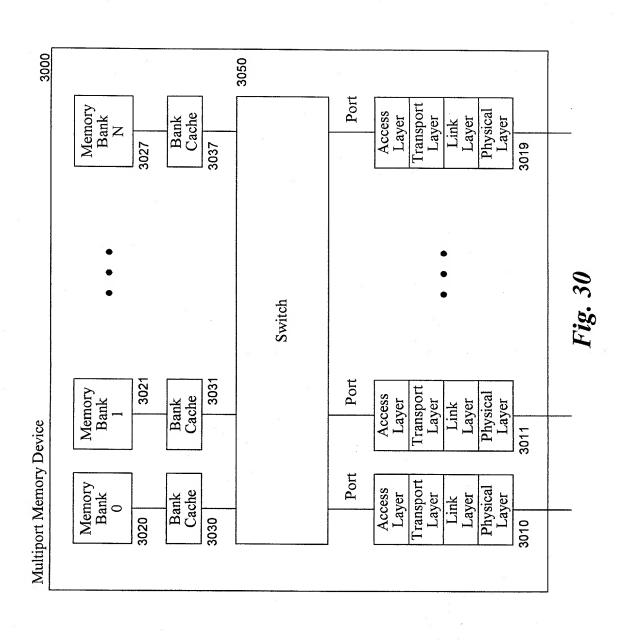


Fig. 29



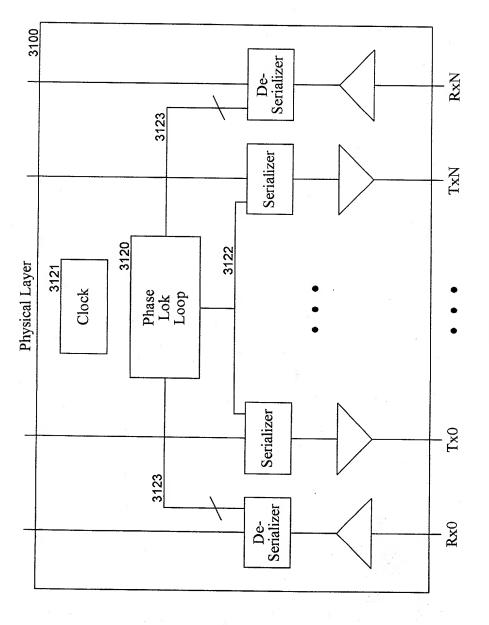


Fig. 31

| Output Queue 3202 | Data | 110 | | | 1011 | |
|-------------------|-------------|------|------|------|------|--------|
| | Valid Port | 3 | | | 3 | • • ,• |
| | Valid | | 0 | 0 | | * |
| | | | | | | |
| 3201 | Data | | 101 | 1110 | | |
| Input Queue | R/W Address | 1000 | 4000 | 1000 | 2000 | |
| | R/W | R | W | W | R | ••• |
| | Port | 3 | 4 | 3 | 3 | * |
| | | | - | | | |

Fig. 32

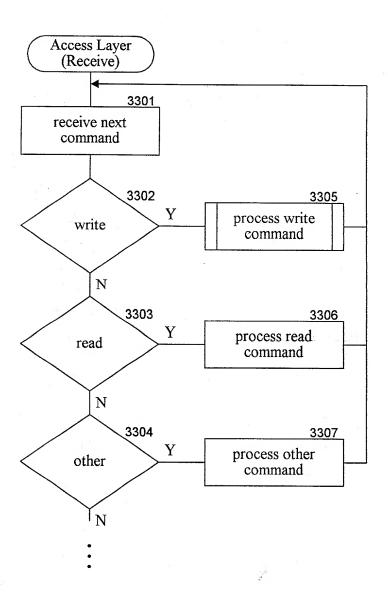


Fig. 33

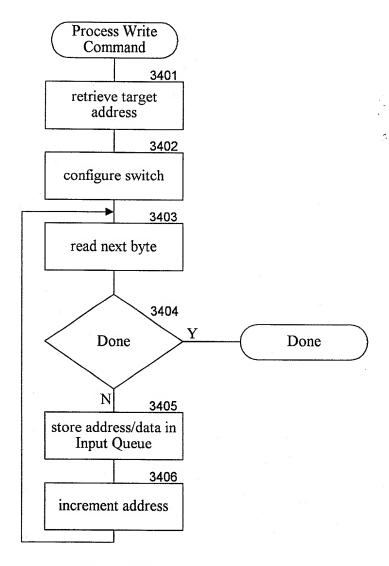


Fig. 34

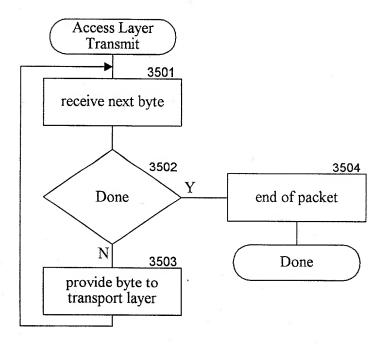
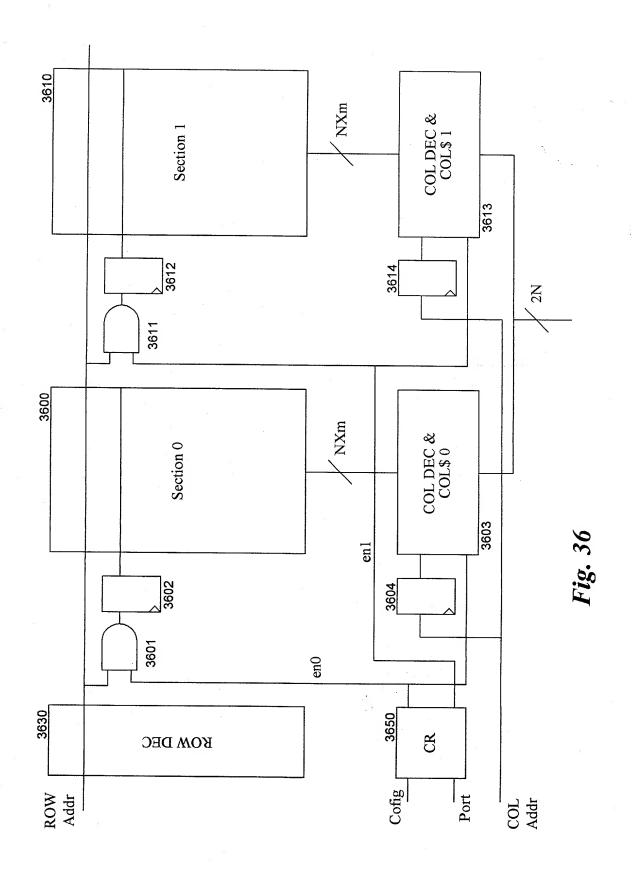


Fig. 35



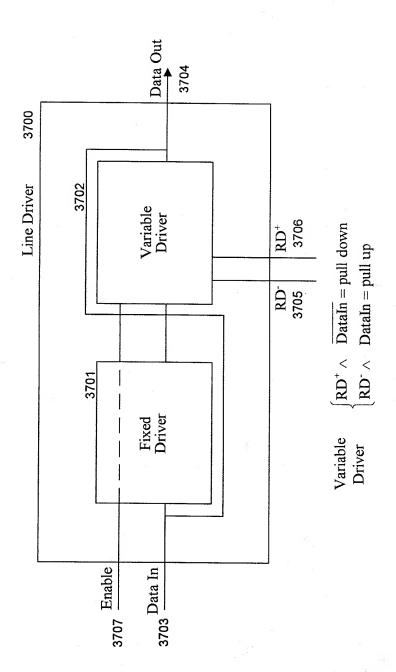


Fig. 37.4

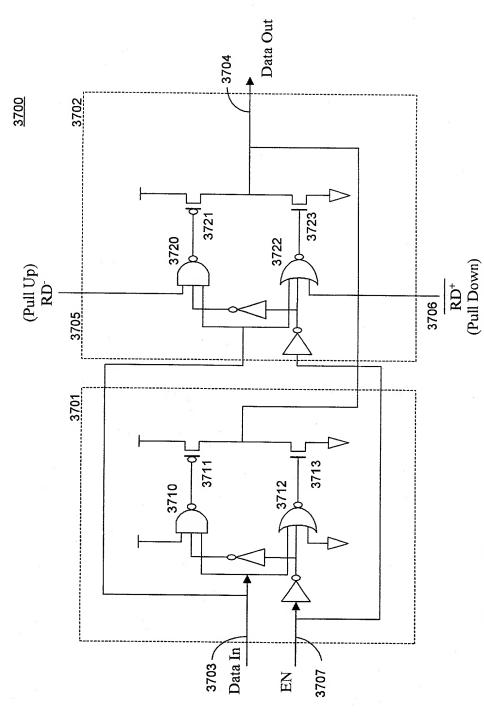


Fig. 37B

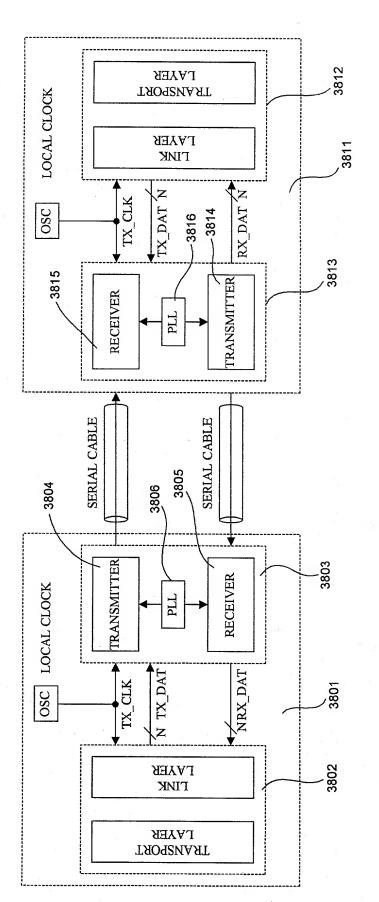


Fig. 38A

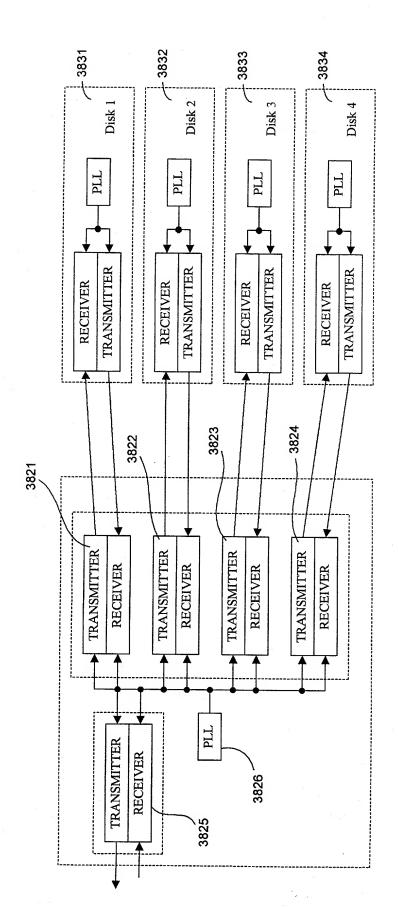
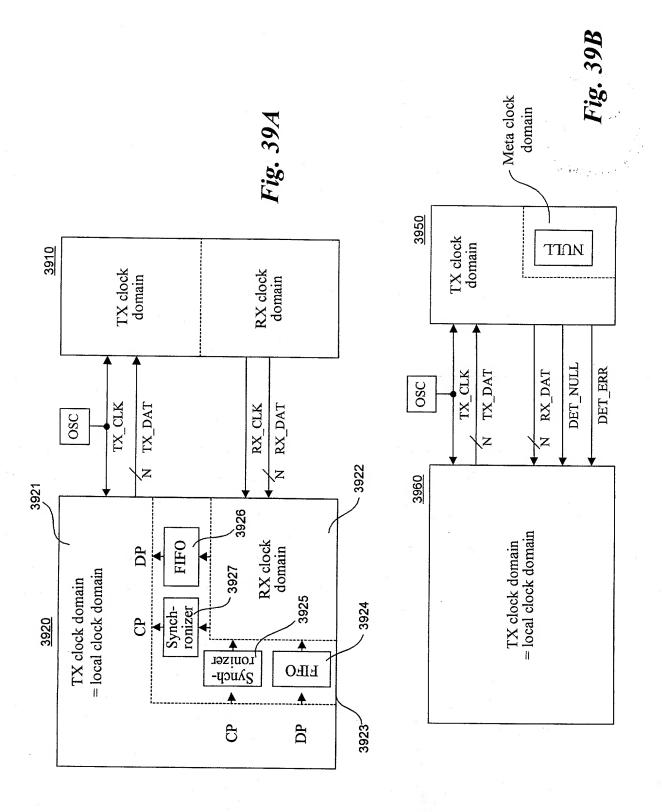
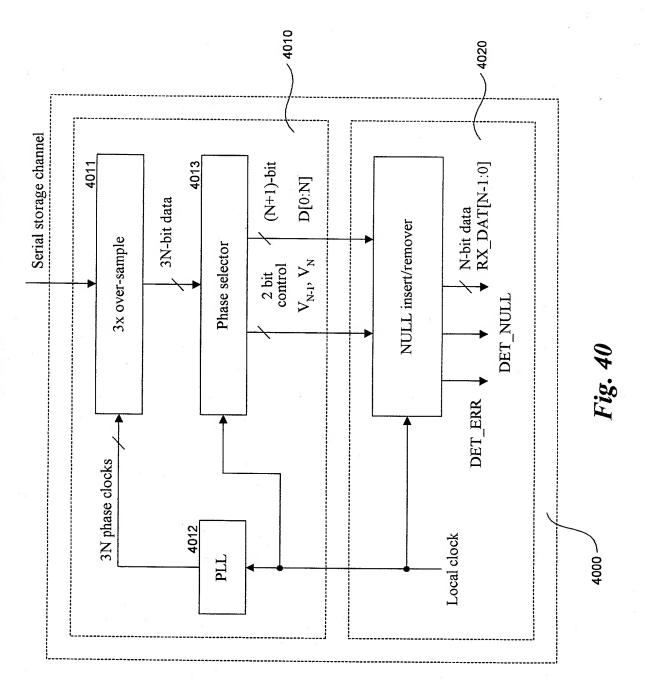


Fig. 38B





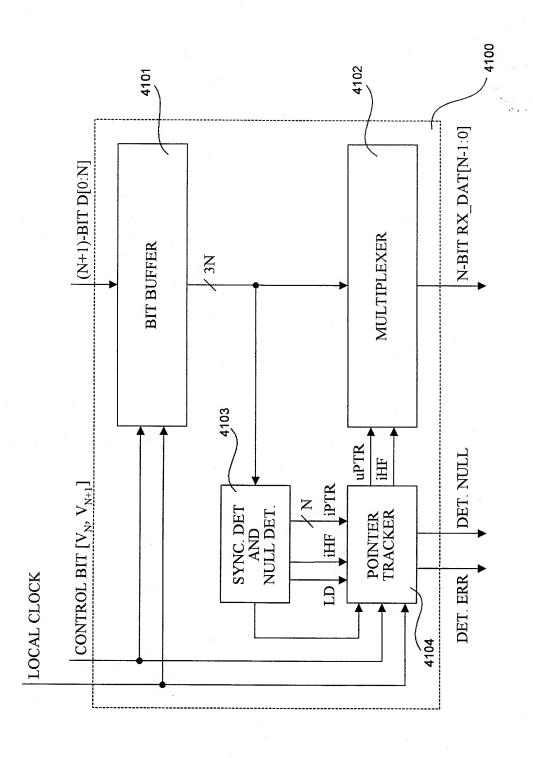


Fig. 41

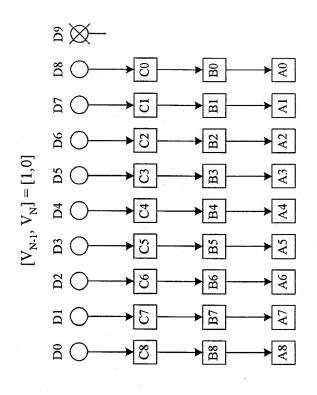


Fig. 42A

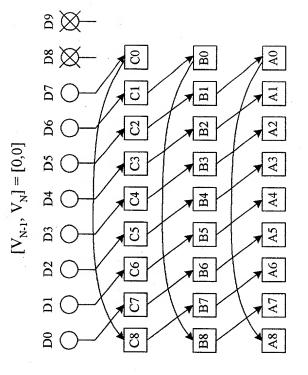


Fig. 42B

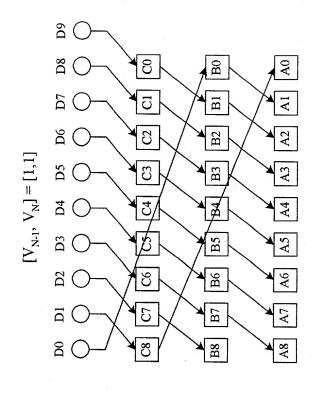
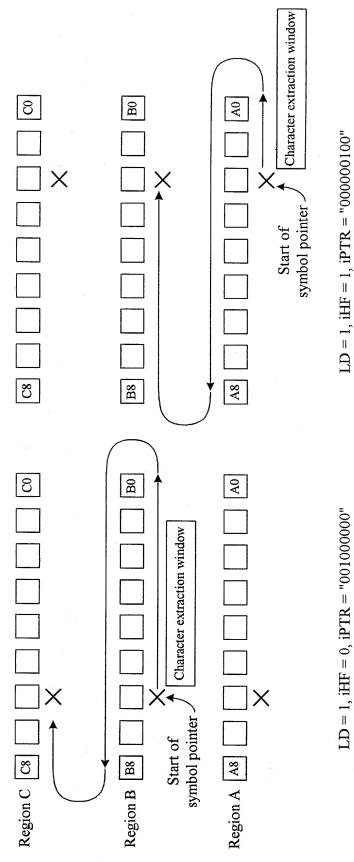
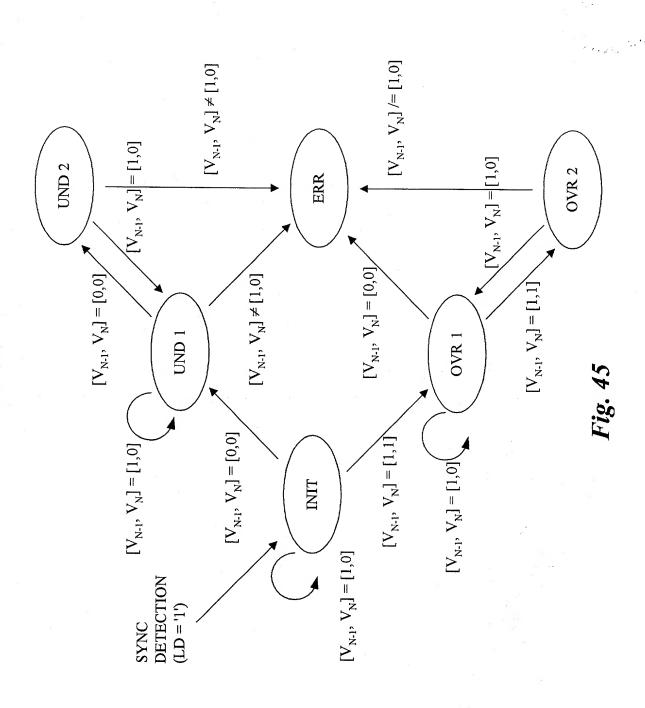


Fig. 42C

Fig. 43





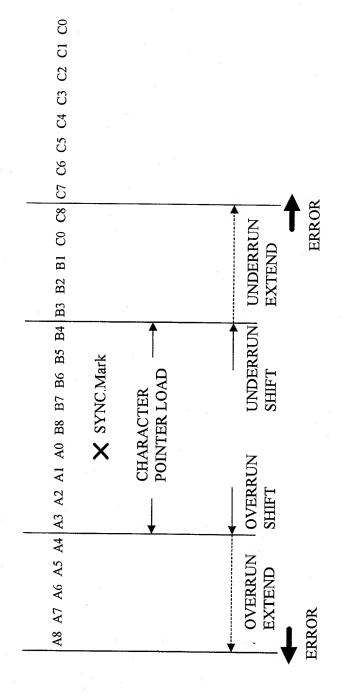


Fig. 46

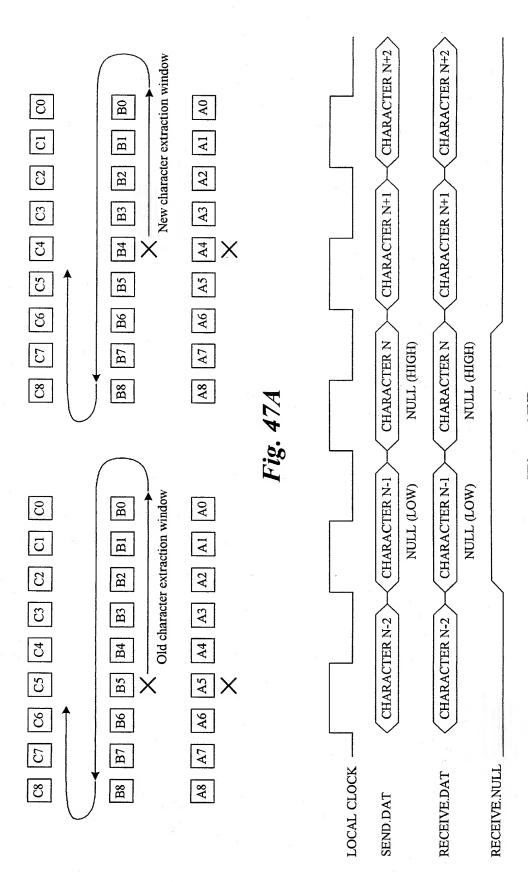


Fig. 47B

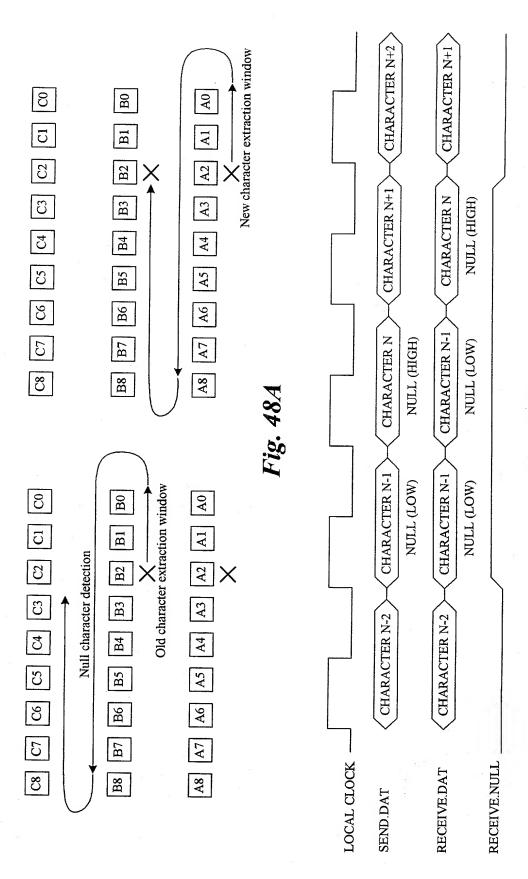


Fig. 48B

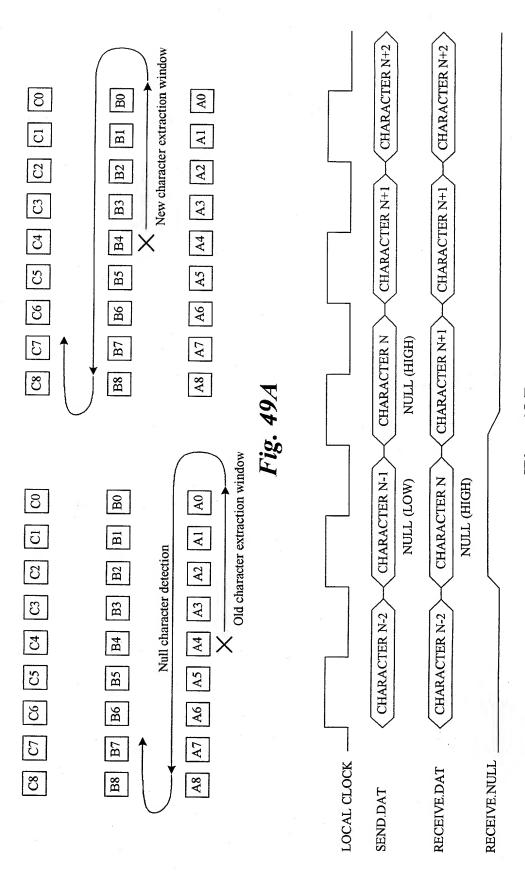


Fig. 49B